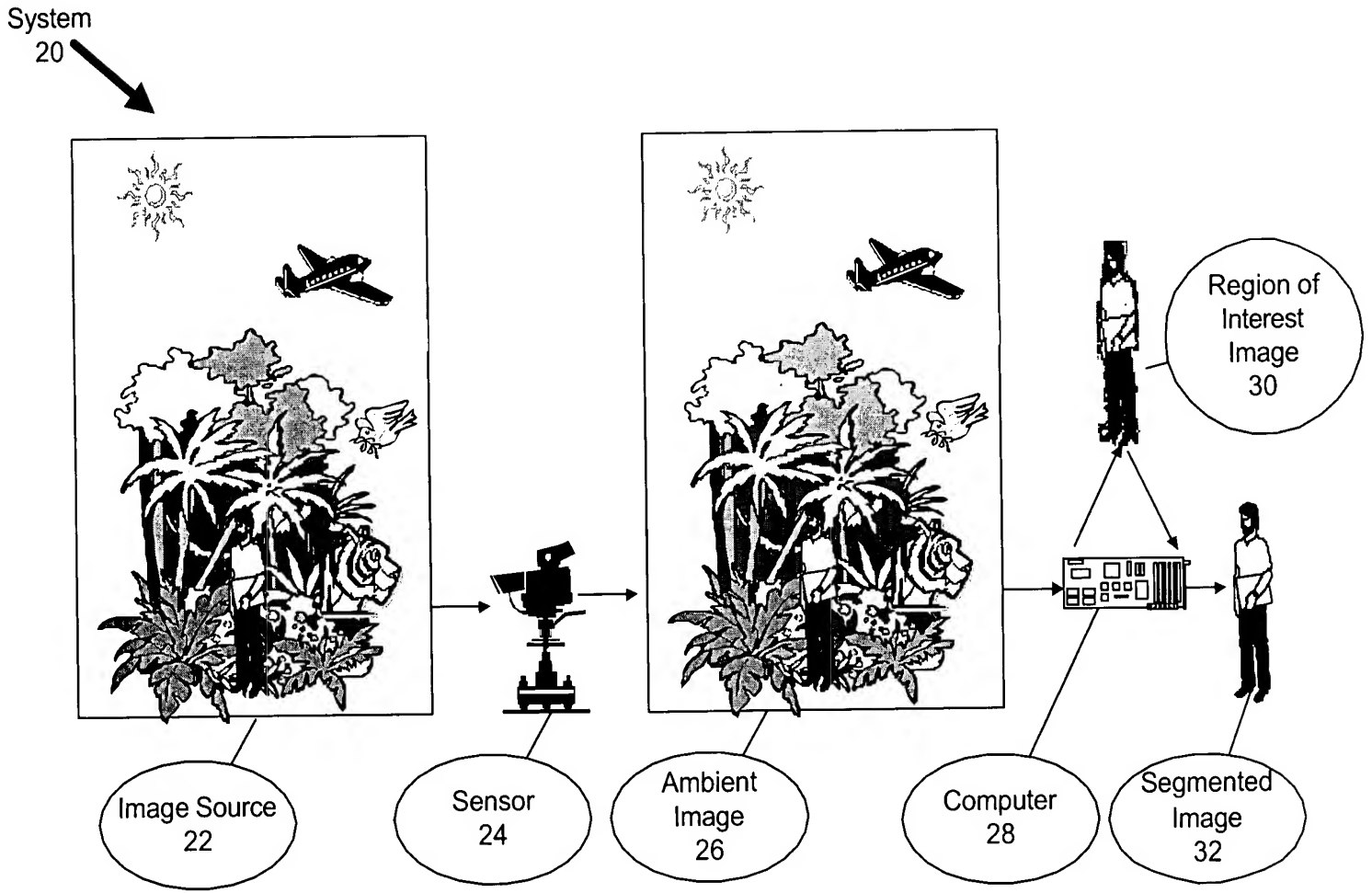
System
20
Region of
Interest
Image
30
Image Source
22
Sensor
24
Ambient
Image
26
Computer
28
Segmented
Image
32

Figure 1

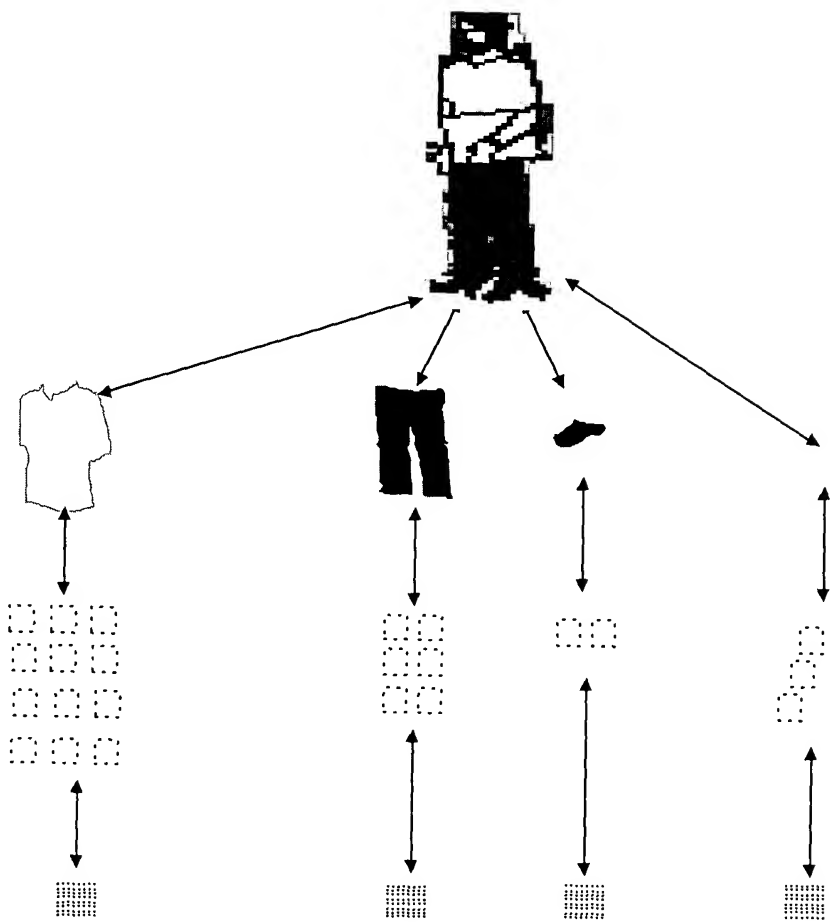

Figure 2

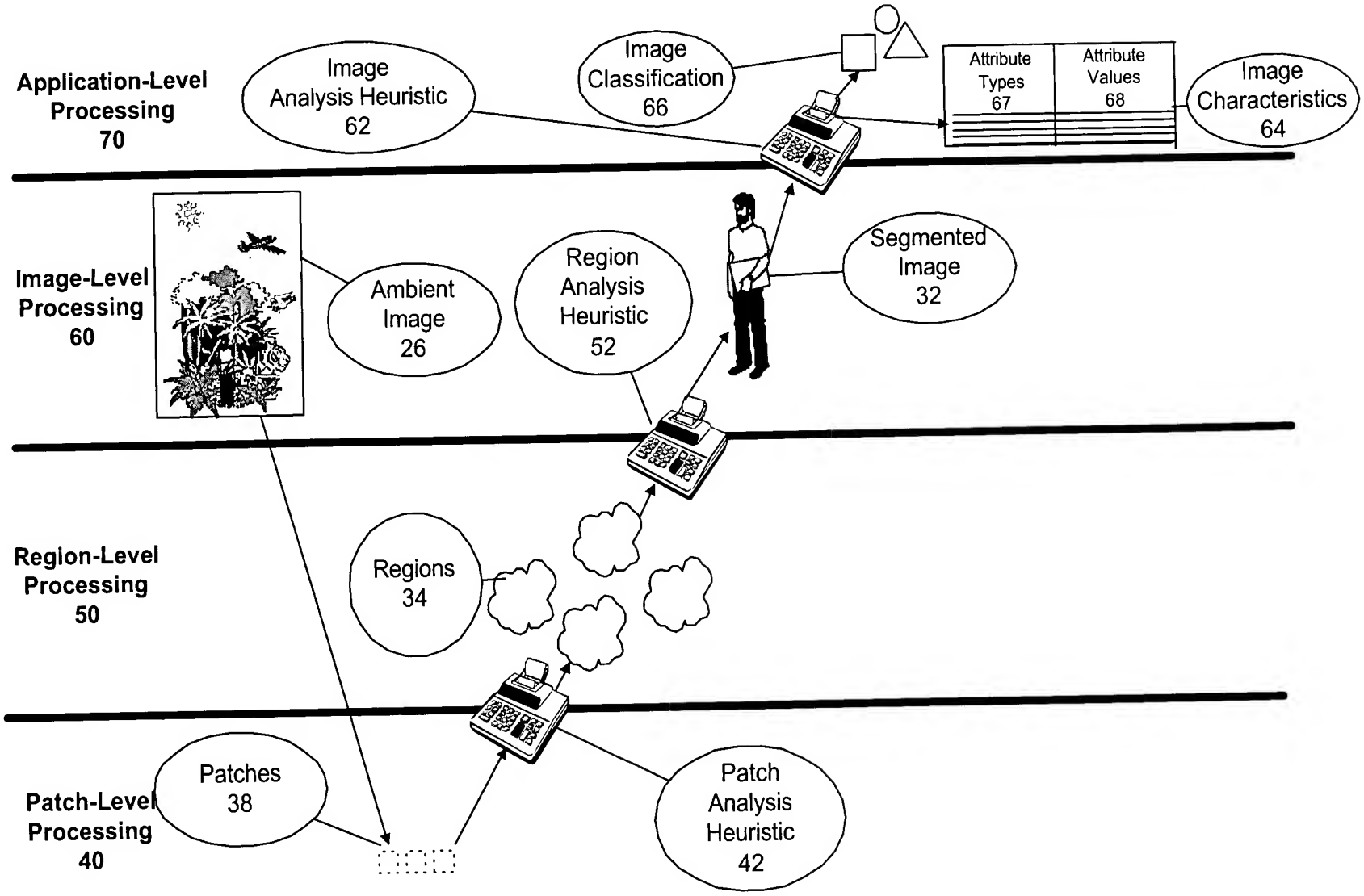
Application-Level Processing 70
Image Analysis Heuristic 62
Image Classification 66
Attribute Types 67
Attribute Values 68
Image Characteristics 64
Image-Level Processing 60
Ambient Image 26
Region Analysis Heuristic 52
Segmented Image 32
Region-Level Processing 50
Regions 34
Patch-Level Processing 40
Patches 38
Patch Analysis Heuristic 42

Figure 3

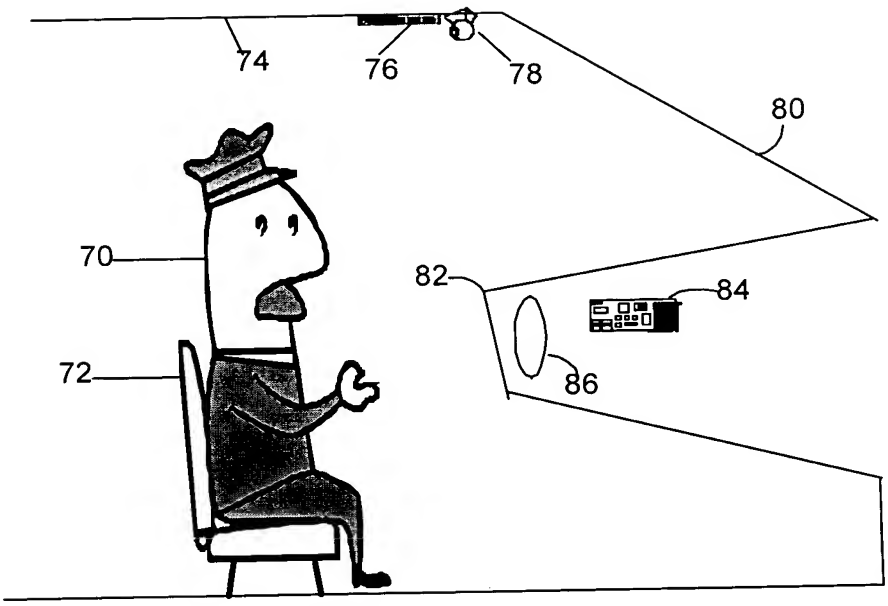

Figure 4

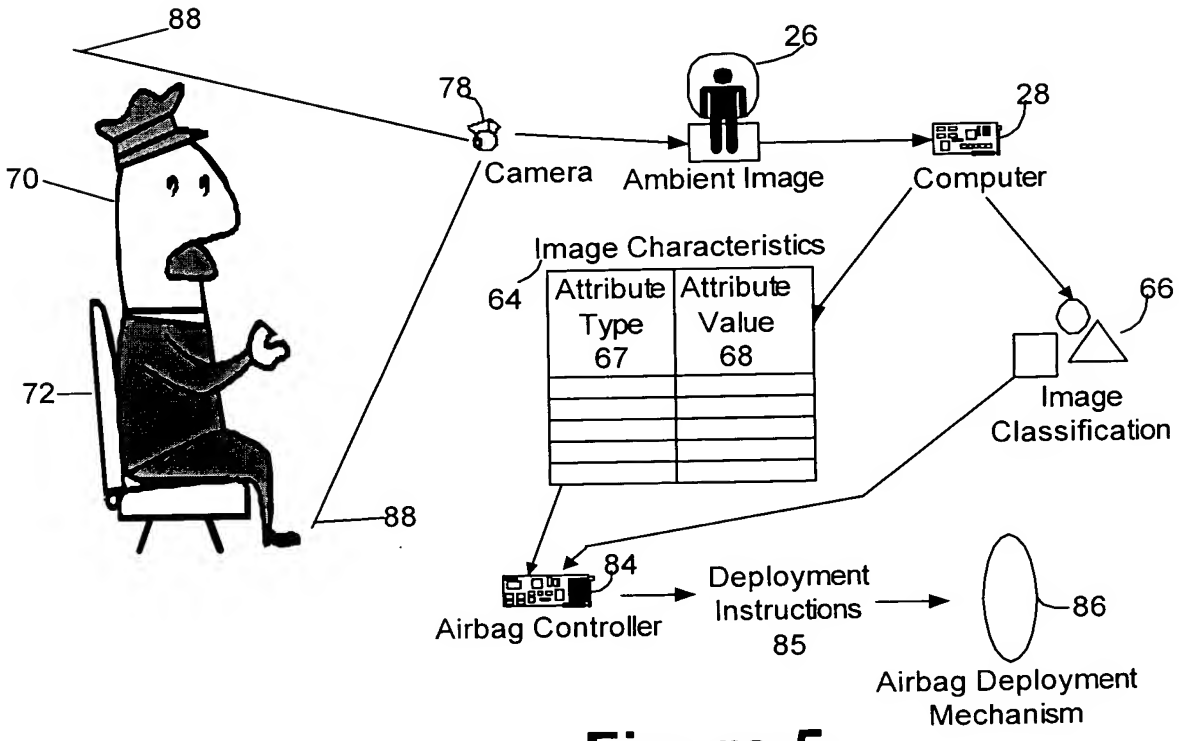

Figure 5

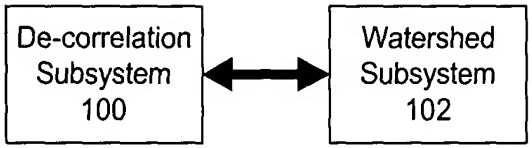

Figure 6a

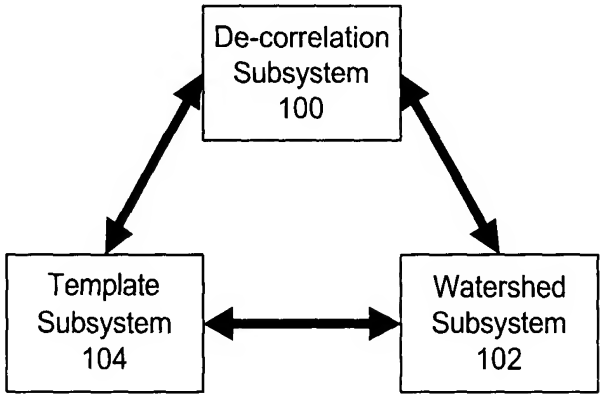

Figure 6b

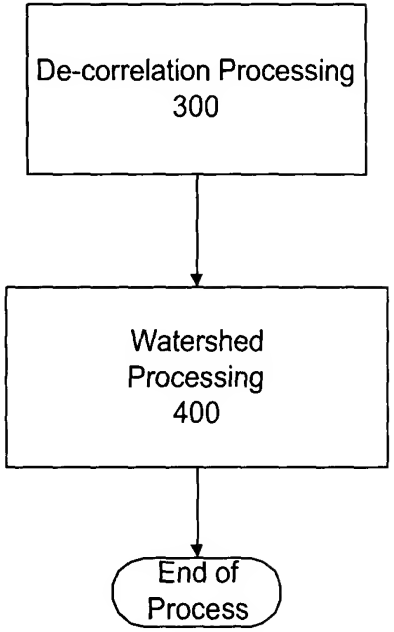

Figure 7

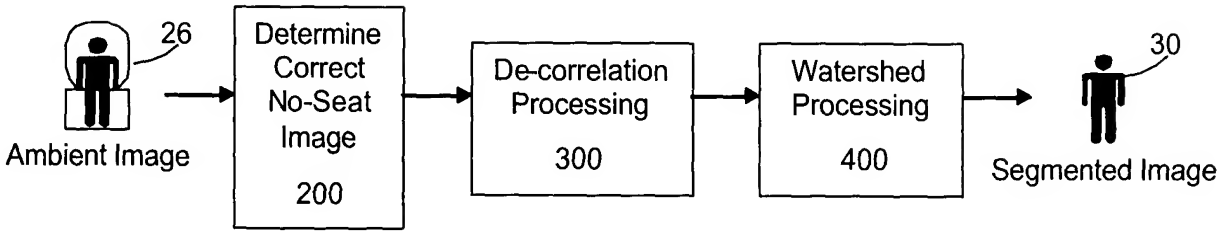

Figure 8

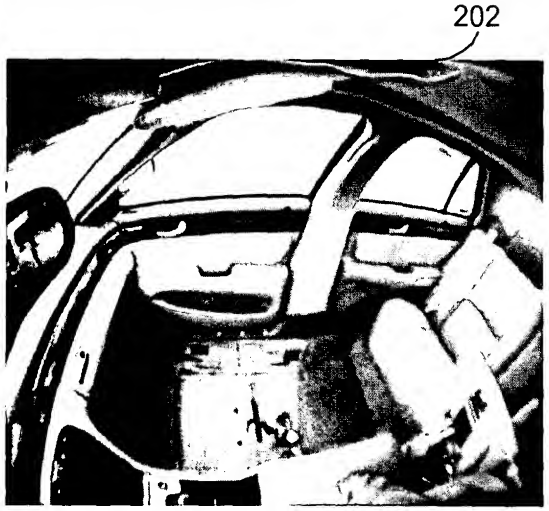

Figure 9a

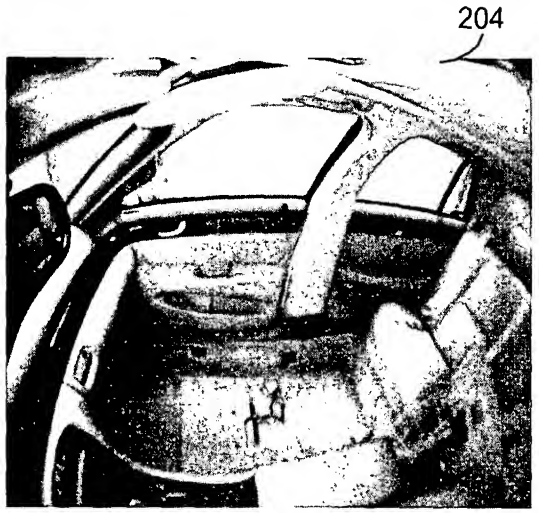

Figure 9b

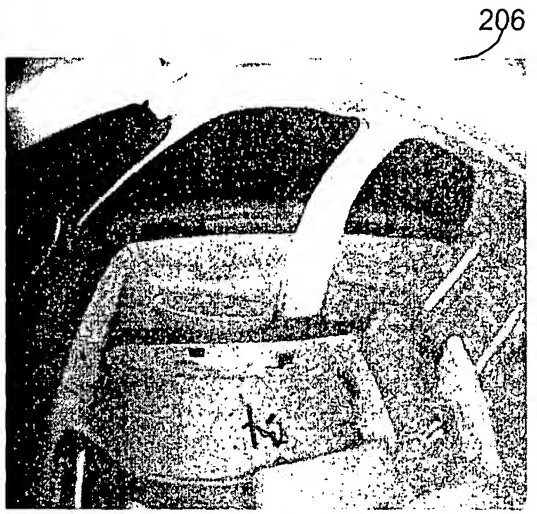

Figure 9c

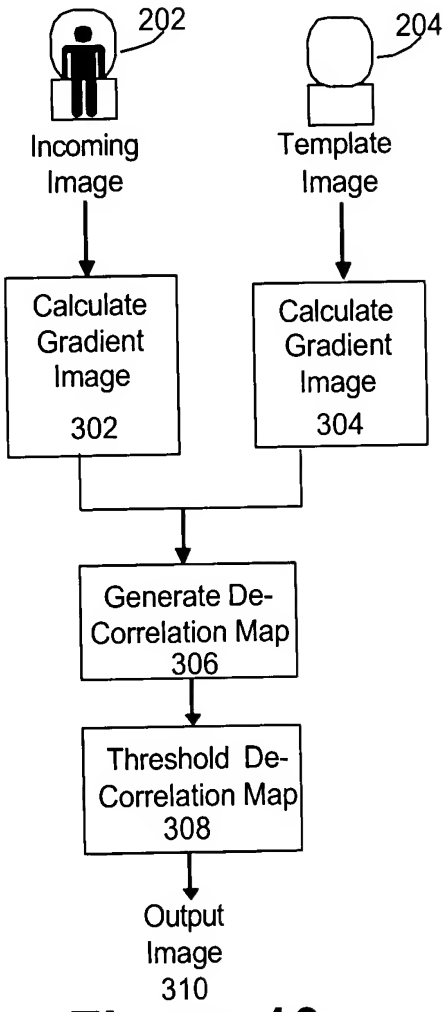
202
204
Incoming Image
Template Image
Calculate Gradient Image 302
Calculate Gradient Image 304
Generate De-Correlation Map 306
Threshold De-Correlation Map 308
Output Image 310

Figure 10

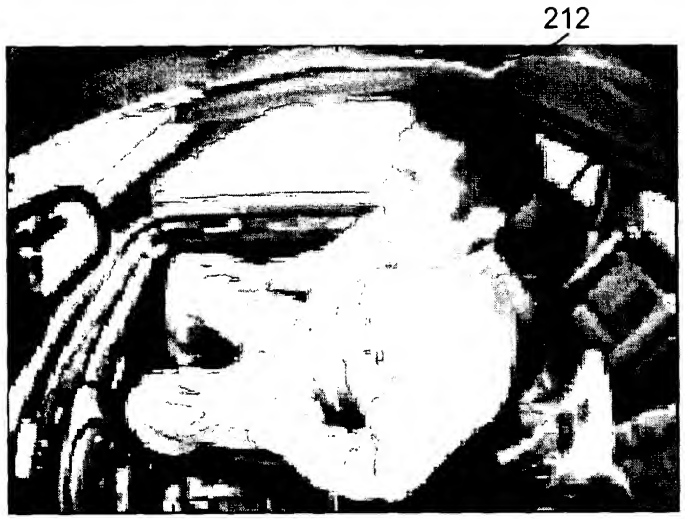

Figure 11a

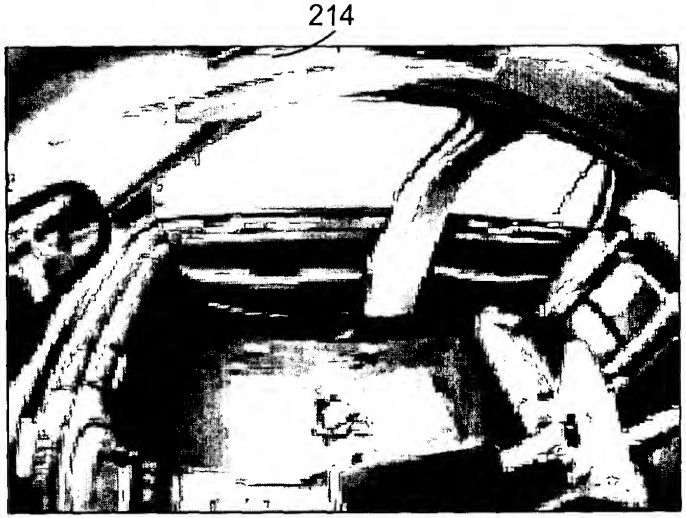

Figure 11b

Figure 11c

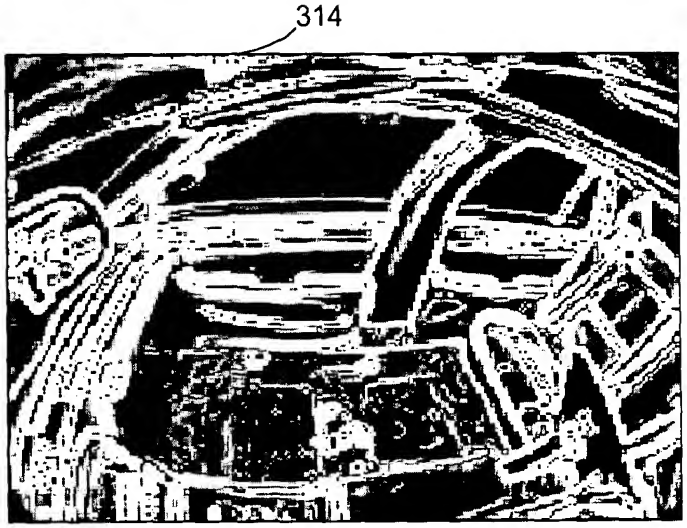

Figure 11d

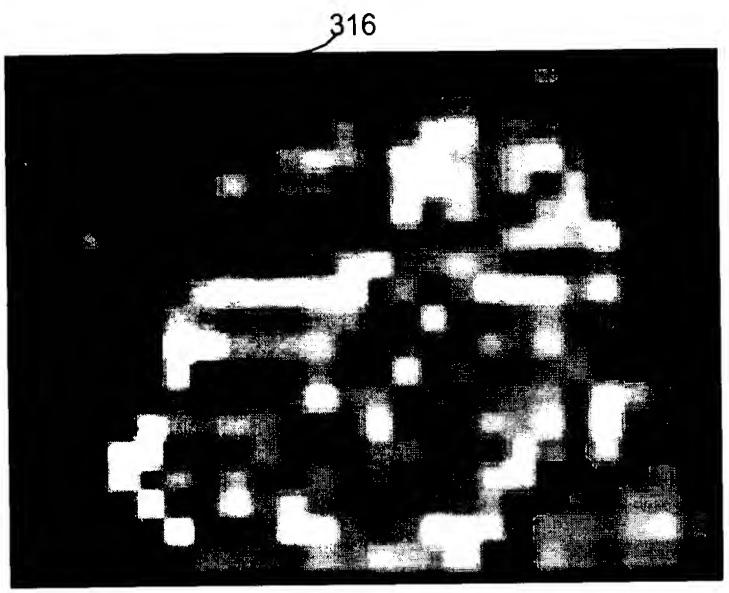

Figure 11e

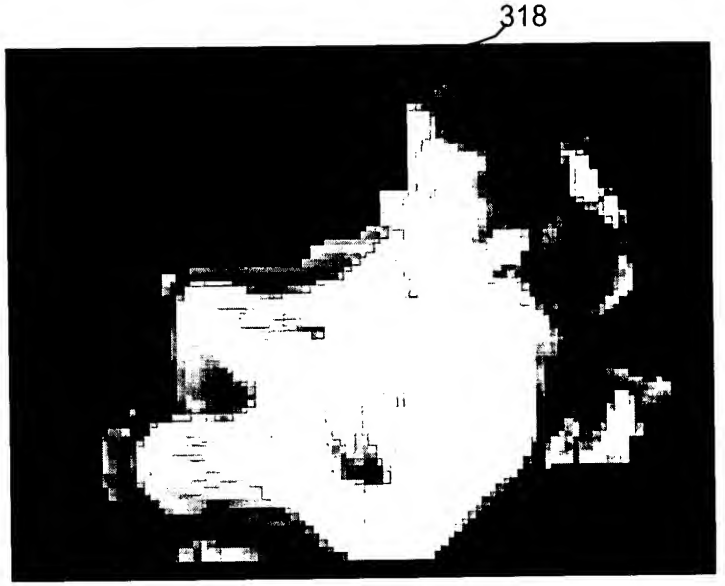

Figure 11f

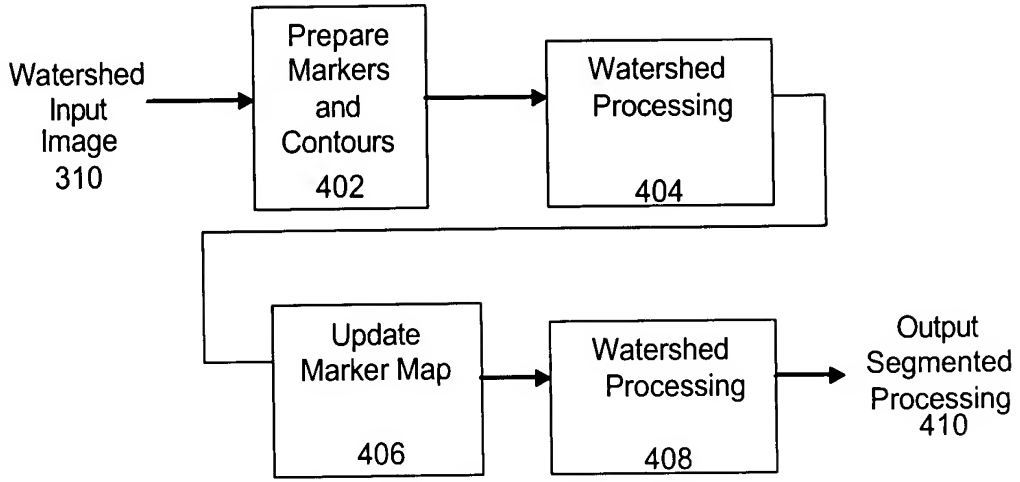

Figure 12

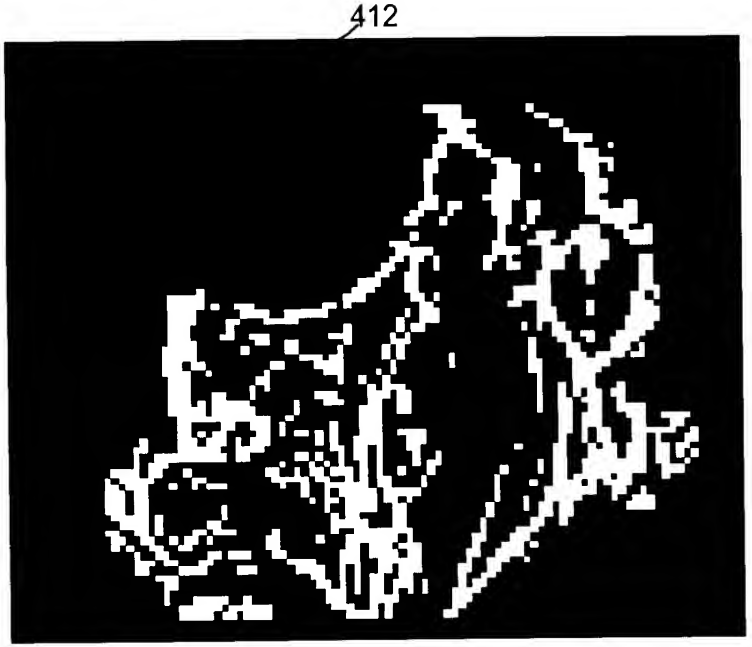

Figure 13a

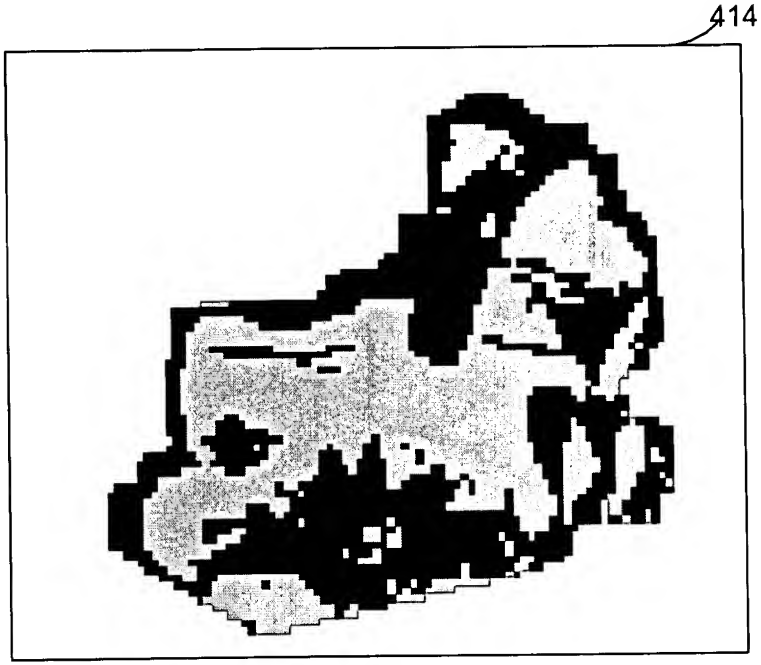

Figure 13b

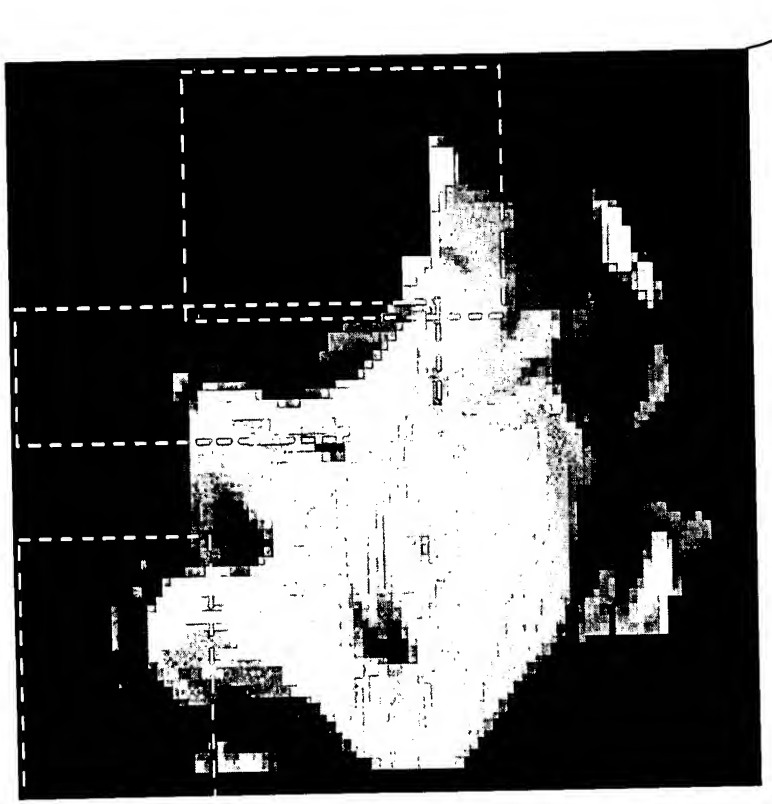

Figure 13c

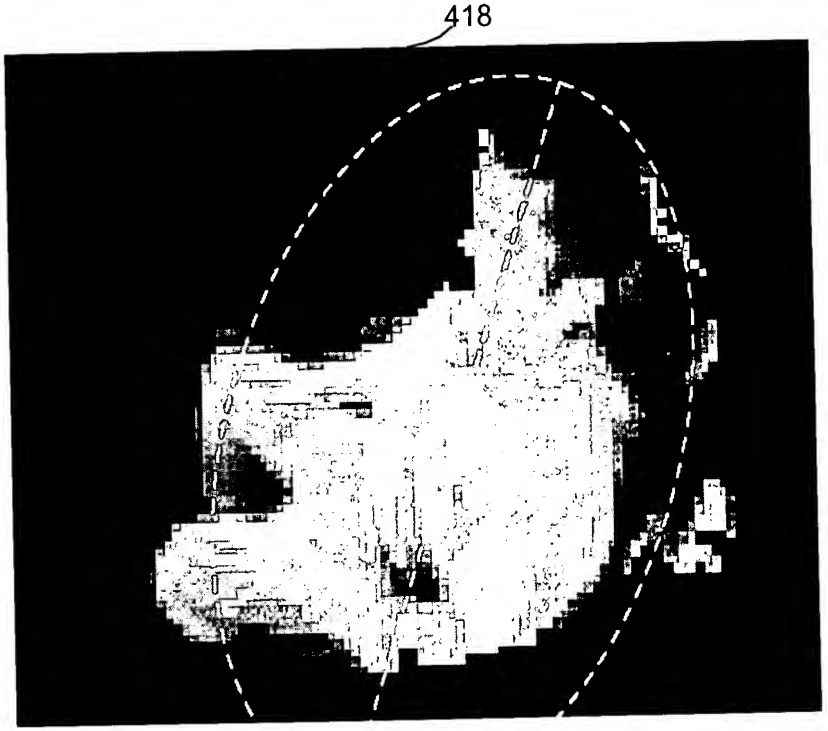

Figure 13d

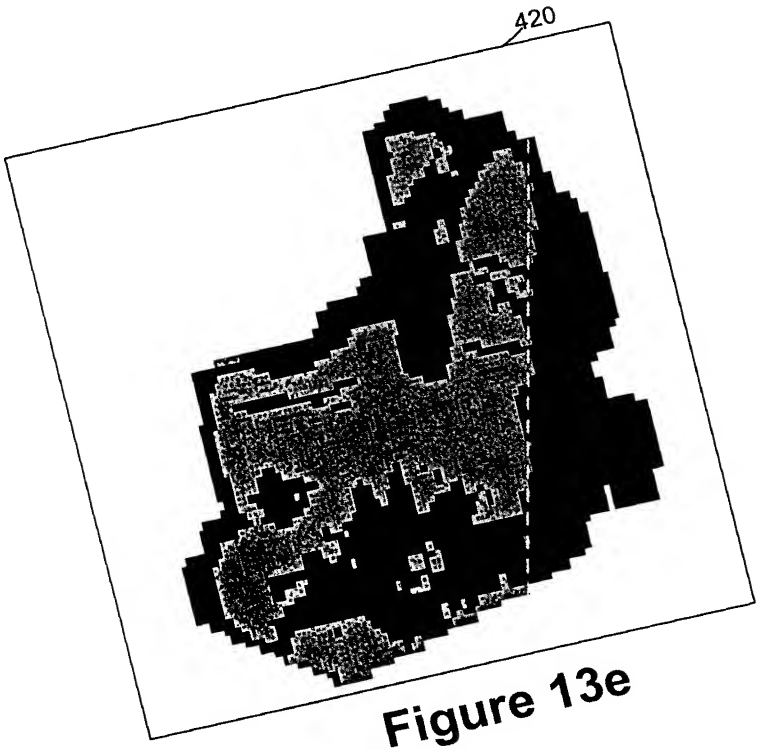

Figure 13e

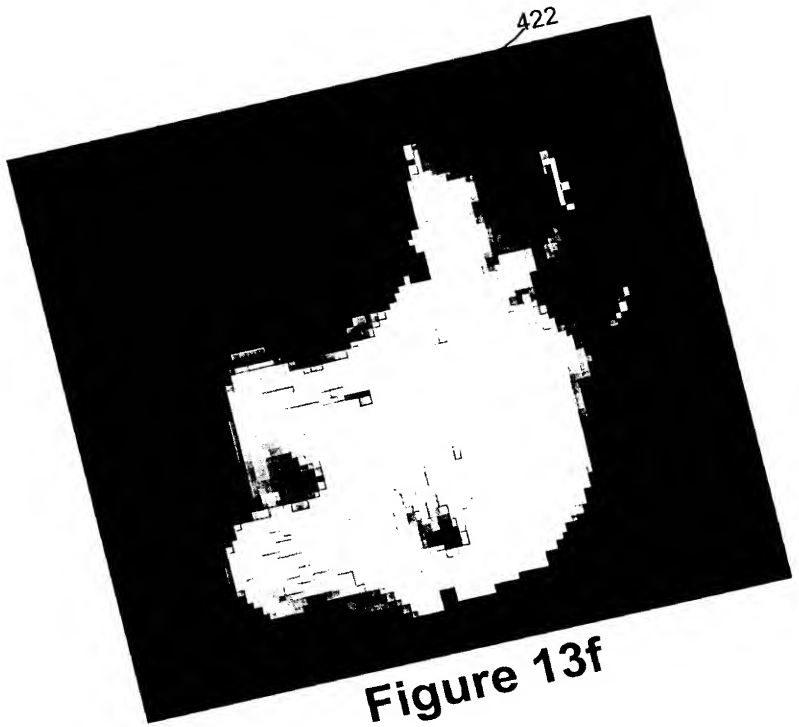

Figure 13f